

HAZARDOUS MATERIALS DATA SHEET
(PLEASE COMPLETE APPLICABLE SECTIONS)

JAN 15 1982

1. PRODUCT NAME, NUMBER, SYNONYM: Oakite Aluminum Cleaner 164
2. MANUFACTURER'S NAME: OAKITE PRODUCTS, INC.
3. MANUFACTURER'S ADDRESS: 50 Valley Road, Berkeley Heights, New Jersey 07922
4. PROCEDURE IN CASE OF BREAKAGE OR LEAKAGE: Sweep up powder; transfer to another container.
For powder or solutions, flush area with water and neutralize with dilute
acid (i.e. acetic).
5. TRANSPORTATION AND STORAGE REQUIREMENTS: Shipped by any common carrier. Freight classification
is "Cleaning Compound NOIBN Powder". Suitable for general indoor storage.
Keep covered when not in use.
6. FIRST AID TREATMENT:
- A. SKIN CONTACT: Flush with plenty of water.
- B. EYE CONTACT: Flush with plenty of water for at least 15 minutes, get medical attention.
- C. INHALATION: N/A
- D. ANTIDOTE IN CASE OF SWALLOWING: Do not induce vomiting. Dilute by drinking large quantities
of water or milk. Get medical attention.
7. PHYSIOLOGICAL PROPERTIES:
- A. ACUTE ORAL TOXICITY: Moderately to severely toxic.
- B. LOCAL EFFECTS UPON EYES: May cause irritation or burns.
- C. LOCAL EFFECTS UPON SKIN: May cause irritation and burns.
- D. ESTIMATE OF ACUTE HAZARD BY INHALATION (VOLATILE MATERIALS): No toxic vapors.
- E. WARNING PROPERTIES (ODOR, IRRITATION TO EYES, NOSE OR THROAT): May cause irritation of mucous
membranes.
- F. ESTIMATED THRESHOLD LIMIT VALUE (IF NOT ON CURRENT LIST BY AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL
HYGIENISTS): Unknown.
8. CHEMICAL AND PHYSICAL PROPERTIES:
- A. SPECIFIC GRAVITY (WATER = 1): Bulk Density 10 lbs/gal.
- B. VAPOR DENSITY (AIR = 1): N/A
- C. VAPOR PRESSURE mm Hg AT 25° C.: N/A
- D. pH: 11.5 to 12.5 @ 70° F. and
working concentrations.
- E. CORROSIVE ACTION ON COMMON MATERIALS SUCH AS: ALUMINUM, MAGNESIUM, PLEXIGLAS, RUBBER, LACQUERS, ENAMELS, FABRICS:
Safe on steel, stainless steel, copper, aluminum, zinc, brass or magnesium. Should
be safe on plexiglas, rubber, and fabrics. Should not be used on paint or other
surfaces sensitive to alkaline materials.

F. DOES THE MATERIAL DECOMPOSE WHEN EXPOSED TO AIR? WATER? HEAT? STRONG OXIDIZERS? No

G. FOR MIXTURES GIVE THE PERCENTAGE COMPOSITION OF INGREDIENTS:

| COMPOUND | PERCENT |
|---|--------------------|
| Trisodium phosphate | < 30 |
| Tetrasodium pyrophosphate | < 25 |
| Sodium meta silicate | < 25 |
| Sodium carbonate | < 25 |
| Sodium silicate | < 10 |
| Nonionic and anionic surfactants | < 10 |

NOTE: GENERALIZATIONS SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES, CHLORINATED HYDROCARBONS, ETC., ARE NOT ADEQUATE FOR TOXICOLOGICAL EVALUATION. PROPER CHEMICAL NAMES MUST BE KNOWN.

H. DOES THE MATERIAL GENERATE HEAT THROUGH POLYMERIZATION OR CONDENSATION? No

9. PRECAUTIONS FOR NORMAL CONDITIONS OF USE: Avoid prolonged skin contact; do not get in eyes.

10. RECOMMENDED PROTECTIVE EQUIPMENT: Rubber or synthetic gloves, safety goggles.

11. A. FLASHPOINT °F: CLOSED CUP None; OPEN CUP _____; IF F.P. CHANGES DURING EVAPORATION GIVE DATA:

B. EXPLOSIVE LIMITS (% VOL. AIR): N/A LOWER _____; UPPER _____

C. SUSCEPTIBILITY TO SPONTANEOUS HEATINGS: YES _____; NO X

D. FIRE POINT °F N/A; AUTO IGNITION TEMPERATURE °F N/A

E. VAPOR DENSITY N/A

F. WHAT PRODUCTS MIGHT BE FORMED IN THE EVENT OF FIRE OR ABNORMAL TEMPERATURES? N/A

G. SUITABLE EXTINGUISHING AGENTS: Will not burn or support combustion,

12. INFORMATION FURNISHED BY: Corinne A. Martinelli
TITLE: Ecologist
COMPANY: OAKITE PRODUCTS, INC.
ADDRESS: 50 Valley Road, Berkeley Heights, New Jersey 07922
DATE: January 20, 1972

NOTE: INFORMATION IN REGARD TO A MATERIAL'S COMPOSITION WILL BE USED FOR THE PURPOSE OF COMPLYING WITH LOCAL, STATE AND FEDERAL ORDINANCES, LAWS AND CODES, AND REQUIREMENTS OF GOVERNMENTAL AGENCIES.

THE COMPLETED FORM SHOULD BE RETURNED TO PURCHASING, DOUGLAS AIRCRAFT DIVISION, LONG BEACH, CALIF. 90801.